AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

Please cancel claims 4, 8, 9, 12, 13, 18, 19, and 20 without prejudice.

<u>Listing of Claims:</u>

1. (currently amended)   A computer implemented method of transmitting a data set between an electronic funds transaction point of sale (EFTPOS) terminal arrangement and a<u>n external</u> data processing system (DPS) hosting a first application, the EFTPOS terminal arrangement coupled to a financial institution DPS hosting a second application, wherein the EFTPOS terminal arrangement hosts one or more payment applications and one or more non-payment applications<u> and includes a plurality of EFTPOS terminals</u>, the method comprising:

assigning an <u>associating respective</u> EFTPOS address<u>es</u> <u>of the plurality of</u> to an EFTPOS terminal<u>s</u> <u>with respective non-payment addresses by one of</u> [[via]] the non-payment application<u>s executing on a server</u> of the EFTPOS terminal arrangement;

<u>associating the EFTPOS addresses with respective payment addresses by one of the payment applications executing on the server, wherein the respective payment addresses are different from the respective non-payment addresses;</u>

receiving from the external DPS <u>at the one of the non-payment applications,</u> a first data set with an <u>that includes a non-payment</u> address identifier, the first data set being directed to <u>one of the plurality of</u> an EFTPOS terminal<u>s</u> using the address identifier;

converting the <u>received non-payment</u> address identifier to the EFTPOS address assigned to <u>associated with the</u> <u>one of the</u> EFTPOS terminal<u>s</u> <u>by</u> via the non-payment application of the EFTPOS terminal arrangement in response to receiving the first data set from the external DPS; and

transmitting the first data set <u>from the non-payment application</u> to the <u>one of the</u> EFTPOS terminal<u>s</u> via the EFTPOS terminal arrangement using the assigned <u>associated</u> EFTPOS address<u>;</u>

selecting, after receiving the first data set, a product at the one of the EFTPOS terminals via the one of the non-payment applications and offered by the first application;

transmitting, via one of the payment applications, a set of customer-specific financial account data from the one of the EFTPOS terminals to the second application on the financial institution DPS for processing payment for the product;

receiving at the one of the payment applications, transaction confirmation data from the second application, the transaction confirmation including a payment address;

converting, by the one of the payment applications, the payment address to the associated EFTPOS address; and

transmitting the transaction confirmation data to the EFTPOS terminal indicated by the associated EFTPOS address.

2. (currently amended)   The method of claim 1, wherein the step of receiving from the external DPS a first data set includes the step of encoding the non-payment address identifier to further include a DPS address identifier for the external DPS, wherein the DPS address identifier is used for transmitting the data set from the EFTPOS terminal to the external DPS.

3. (currently amended)   The method of claim 2, further comprising the steps of:

transmitting a second data set from the EFTPOS terminal via to the one of the non-payment applications of the EFTPOS terminal arrangement to the external DPS in response to receipt of the first data set, wherein the second data set includes the EFTPOS address of the EFTPOS terminal; and

converting, by the one of the non-payment applications, the EFTPOS address in the second data set to the associated non-payment address identifier via the non-payment application of the EFTPOS terminal arrangement and transmitting the second data set to the external DPS with the associated non-payment address included in the second data set.

4. (cancelled)

5. (currently amended)   A system for transmitting a data set between an electronic funds transaction point of sale (EFTPOS) terminal arrangement of an EFTPOS system and an external <u>data processing system (DPS)</u> hosting a first application, the EFTPOS terminal <u>arrangement</u> coupled to a financial institution DPS hosting a second application, wherein the EFTPOS terminal arrangement hosts one or more payment applications and one or more non-payment applications <u>and includes a plurality of EFTPOS terminals</u>, the system comprising:

means for <u>associating respective</u> ~~using a first database of~~ EFTPOS addresses of the EFTPOS terminal<u>s with respective non-payment addresses</u> ~~arrangement to assign an EFTPOS address to an EFTPOS terminal~~;

<u>means for associating the EFTPOS addresses with respective payment addresses, wherein the respective payment addresses are different from the respective non-payment addresses;</u>

means for receiving from the external DPS <u>at the one of the non-payment applications,</u> a first data set ~~with an~~ <u>that includes a non-payment</u> address ~~identifier~~, the first data set being directed to <u>one of the plurality of</u> ~~an~~ EFTPOS terminal<u>s</u> ~~using the address identifier~~;

means for converting the <u>received non-payment</u> address ~~identifier~~ to the EFTPOS address ~~assigned to~~ <u>associated with</u> the <u>one of the</u> EFTPOS terminal<u>s</u> ~~using the first database of the EFTPOS terminal arrangement~~ in response to receiving the first data set from the external DPS; and

means for transmitting the first data set <u>from the one of the non-payment applications</u> to the <u>one of the</u> EFTPOS terminal<u>s</u> ~~via the EFTPOS terminal arrangement~~ using the ~~assigned~~ <u>associated</u> EFTPOS address<u>;</u>

<u>means for selecting, after receiving the first data set, a product at the one of the EFTPOS terminals via the one of the non-payment applications and offered by the first application;</u>

<u>means for transmitting, via one of the payment applications, a set of customer-specific financial account data from the one of the EFTPOS terminals to the second application on the financial institution DPS for processing payment for the product;</u>

means for receiving at the one of the payment applications, transaction confirmation data from the second application, the transaction confirmation including a payment address;

means for converting, by the one of the payment applications, the payment address to the associated EFTPOS address; and

means for transmitting the transaction confirmation data to the EFTPOS terminal indicated by the associated EFTPOS address.

6. (currently amended)   The system of claim 5, further comprising:

means for transmitting a second data set from the EFTPOS terminal to the non-payment application ~~via the EFTPOS terminal arrangement to the external DPS~~ in response to receipt of the first data set, wherein the second data set includes the EFTPOS address of the EFTPOS terminal; and

means for converting, by the one of the non-payment applications, the EFTPOS address in the second data set to the associated non-payment address ~~identifier using the first database of the EFTPOS terminal arrangement~~ and transmitting the second data set to the external DPS with the associated non-payment address included in the second data set.

7. (currently amended)   An electronic funds transaction point of sale (EFTPOS) arrangement configured and arranged for communication via a first secure channel with a financial application hosted by a data processing system (DPS) of a financial institution and communication via a second non-secure channel with a vendor application hosted by an external data processing system of a vendor, the EFTPOS arrangement coupled to a plurality of EFTPOS terminals, the arrangement comprising:

a proxy server configured and arranged to be coupled to the plurality of EFTPOS terminals and host one or more payment applications and one or more non-payment applications, ~~and~~ each non-payment application configured to receive sets of data from the vendor application via the non-secure channel and transmit the data sets to selected ones of the EFTPOS terminals, and each payment application configured to

receive payment requests from the EFTPOS terminals and transmit the payment requests to the financial application via the secure channel;

wherein each non-payment application is further configured to:

associate respective EFTPOS addresses of the plurality of EFTPOS terminals with respective non-payment addresses;

receive from the external DPS a first data set that includes a non-payment address, the first data set being directed to one of the plurality of EFTPOS terminals;

convert the non-payment address to the associated EFTPOS address in response to receiving the first data set from the external DPS; and

transmit the first data set from the non-payment application to the one of the EFTPOS terminals using the associated EFTPOS address; and

wherein each payment application is further configured to:

associate the EFTPOS addresses with respective payment addresses, wherein the respective payment addresses are different from the respective non-payment addresses;

transmit a set of customer-specific financial account data received from the one of the EFTPOS terminals to the financial application for processing payment for a product selected at the one of the EFTPOS terminals;

receive transaction confirmation data from the financial application, the transaction confirmation including a payment address;

convert the payment address to the associated EFTPOS address; and

transmit the transaction confirmation data to the EFTPOS terminal indicated by the associated EFTPOS address.

8. (cancelled)

9. (cancelled)

10. (currently amended)   The arrangement of claim 7 [[8]], wherein the proxy server further comprises an interface module configured and arranged to transmit data sets to selected ones of the EFTPOS terminals and configured and arranged to facilitate wireless communication between a mobile communications device and the proxy server.

11. (currently amended)   An electronic funds transaction point of sale (EFTPOS) system arranged for communication via a first secure channel with a financial application hosted by a data processing system (DPS) of a financial institution and communication via a second non-secure channel with a vendor application hosted by an external data processing system (DPS) of a vendor, the system comprising:

a plurality of EFTPOS terminals; and

a proxy server coupled to the plurality of EFTPOS terminals, the proxy server configured to host one or more payment applications and one or more non-payment applications and to receive sets of data from the vendor application via the non-secure channel and transmit the data sets to selected ones of the EFTPOS terminals, and each payment application configured to receive payment requests from the EFTPOS terminals and transmit the payment requests to the financial application via the secure channel;

wherein each non-payment application is further configured to:

associate respective EFTPOS addresses of the plurality of EFTPOS terminals with respective non-payment addresses;

receive from the external DPS a first data set that includes a non-payment address, the first data set being directed to one of the plurality of EFTPOS terminals;

convert the non-payment address to the associated EFTPOS address in response to receiving the first data set from the external DPS; and

transmit the first data set from the non-payment application to the one of the EFTPOS terminals using the associated EFTPOS address; and

wherein each payment application is further configured to:

<u>associate the EFTPOS addresses with respective payment</u>

<u>addresses, wherein the respective payment addresses are different from</u>

<u>the respective non-payment addresses;</u>

<u>transmit a set of customer-specific financial account data received</u>

<u>from the one of the EFTPOS terminals to the financial application for</u>

<u>processing payment for a product selected at the one of the EFTPOS</u>

<u>terminals;</u>

<u>receive transaction confirmation data from the financial application,</u>

<u>the transaction confirmation including a payment address;</u>

<u>convert the payment address to the associated EFTPOS address;</u>

<u>and</u>

<u>transmit the transaction confirmation data to the EFTPOS terminal</u>

<u>indicated by the associated EFTPOS address</u>.

12. (cancelled)

13. (cancelled)

14. (original) The system of claim 11, wherein the proxy server is further configured to transmit and receive sets of data between selected ones of the EFTPOS terminals and a non-vendor application via a non-secure channel.

15. (currently amended)   The system of claim <u>11</u> [[10]], wherein the proxy server further comprises an interface module configured and arranged to transmit data sets to selected ones of the EFTPOS terminals.

16. (original) The system of claim 15, wherein the proxy server is configured and arranged to facilitate wireless communication between a mobile communications device and the EFTPOS system via the interface module.

17. (original) The system of claim 11, wherein at least one of the plurality of terminals further comprises an interface module that is configured and arranged to facilitate

wireless communications between a mobile communications device and the proxy server.

18. (cancelled)

19. (cancelled)

20. (cancelled)